

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

US EPA RECORDS CENTER REGION 5

REPLY TO THE ATTENTION OF:

APR 0 3 2012

SC-5J

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Norwood Industries, Inc. c/o Walter J. Skotynsky Attorney at Law 1018 Adams Street Toledo, Ohio 43604

Re: Norwood Industries-Norwood Avenue Site in Toledo, Lucas County, Ohio Site Spill Identification Number: B5PA

Demand Letter

Dear Mr. Skotynsky:

The United States Environmental Protection Agency has conducted response actions to address contamination at the Norwood Industries-Norwood Avenue Site at 1678 Norwood Avenue in Toledo, Ohio. EPA took these actions under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (CERCLA), 42 U.S.C. §§ 9601-9675. Prior to undertaking these response actions, EPA determined that there was a release or threatened release of hazardous substances from the Norwood Industries-Norwood Avenue Site. The EPA undertook the response actions using monies authorized by CERCLA, as amended.

During the response, EPA and its contractors undertook several actions at the Site. They included the following: Between October 16, 2008, and June 15, 2009, EPA mitigated threats which were present at the Site. EPA confirmed the presence of hazardous substances which had existed at the Site for several years, including flammable substances in drums and other containers inside Site structures, and materials leaking through the walls into the environment. EPA sampled, field categorized, sorted, and disposed of on-site wastes at Resource Conservation and Recovery Act (RCRA)-approved facilities. During the cleanup, the following materials were removed from the Site: 350 tons of contaminated construction and general debris; 120 cubic yards of RCRA-empty containers; 120 cubic yards and 20 tons of non-hazardous inert solids; 278 cubic yards of non-hazardous liquid waste; 80 yards of solids, dyes and floor sweepings; 23,700 gallons and 26,300

pounds of waste flammable liquids; 1,755 gallons and 4,800 pounds of non-Department of Transportation and non-RCRA regulated materials; 5,920 pounds of corrosive liquids; 20 cubic yards of paracril and floor sludge sweepings; 3,600 pounds of liquid hazardous waste; 20 cubic yards of roofing tar containing non-friable asbestos; 60 pounds of ammonia solutions; 55 pounds of flammable aerosols; 20 pounds of elemental mercury; 80 pounds of solid toxic waste (lead and mercury debris); 80 pounds of hydrofluoric acid (including 55 gallon drum weight utilized as secondary container); and 20 pounds of ethylene oxide.

Response costs associated with this Site have been incurred by EPA. The approximate EPA response costs identified up to January 1, 2012, for the above referenced Site are \$1,955,919.90. A summary is enclosed.

Information available to EPA indicates among other things that Norwood Industries, Inc. is potentially responsible for the release, or threat of release, of hazardous substances from the Site. Pursuant to the provisions of Section 107(a) of CERCLA, and based on evidence currently available to the Agency, EPA believes that your client may be liable for the payment of all costs incurred by EPA in connection with the Site. Potentially responsible parties (PRPs) are jointly and severally liable for the whole amount. Partial payments will not release the payor of liability for payment of the rest of the costs that are owed to EPA. Limiting language on the check or in accompanying letters will be considered to be advisory only and will not be considered as placing conditions on the amount paid or as limiting liability on other costs demanded in this letter.

Such payment must be made by a cashier's or certified check made payable to the "U.S. EPA Hazardous Substance Superfund", which is established by the Internal Revenue Code, 26 U.S.C. § 9507, and administered by EPA. Please send your check to U.S. EPA, Superfund Payments, Cincinnati Finance Center, P.O. Box 979076, St. Louis, Missouri, 63197-9000. Place the following Site Identification Number on the check: B5PA. Please send a copy of your payment check to Thomas Marks, Chief, Enforcement Services Section 1 (SE-5J), U.S. EPA, Region 5, Superfund Division, 77 West Jackson Boulevard, Chicago, Illinois 60604, and to the Office of Regional Counsel (C-14J), U.S. EPA, Region 5, 77 West Jackson Boulevard, Chicago, Illinois, 60604.

We hereby demand that you make restitution by payment of the amount in this letter expended by the Agency in connection with the Site pursuant to authority of CERCLA, as amended. Pursuant to Section 107(a) of CERCLA, as amended, interest shall begin accruing as of the date of this demand, if payment is not received within thirty (30) calendar days of the date of this letter.

If you desire to discuss your liability with EPA, please contact James Morris, Associate Regional Counsel, in writing no later than thirty (30) calendar days after the date of this letter. Mr. Morris may also be reached by phone at 312-886-6632. If we do not receive a response from you within this time frame, EPA will assume that you have declined to reimburse the Fund for the Site

expenditures, and pursuant to CERCLA, EPA may pursue civil litigation against you to recover all of its costs, with interest.

Should other PRPs also receive a request for payment, those names will be provided to you in order to facilitate organization among the identified parties concerning payment. Multiple PRPs, should attempt to work out an allocation among themselves to apportion costs; however, whatever allocation system the PRPs develop among themselves, EPA considers all PRPs to this Site jointly and severally liable for the amounts demanded in this letter until all costs are reimbursed or an appropriate settlement is achieved pursuant to Section 122(h) of CERCLA.

Sincerely,

Sharon Jaffess, Chief

Enforcement and Compliance Assurance Branch

Enclosure

Itemized Cost Summary

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

REGIONAL PAYROLL COSTS	\$104,937.95
HEADQUARTERS PAYROLL COSTS	\$117.22
REGIONAL TRAVEL COSTS	\$7,757.27
ENVIRONMENTAL RAPID RESPONSE SERVICES (ERRS)	
SHAW ENVIRONMENTAL, INC. (EPS60702)	\$946,638.68
SUPERFUND TECH. ASSISTANCE & RESPONSE TEAM (START)	
WESTON SOLUTIONS, INC. (EPS50604)	\$146,209.74
TECHNICAL SERVICE AND SUPPORT	
ASRC MANAGEMENT SERVICES, INC. (EPW05052)	\$433.15
MISCELLANEOUS COSTS (MIS)	\$9.76
EPA INDIRECT COSTS	\$749,816.13
Total Site Costs:	\$1,955,919.90
	¥1,000,010.00

Regional Payroll Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal Year	Pay Period	Payroll <u>Hours</u>	Payroll Costs_
· · · · · · · · · · · · · · · · · · ·				
ARRAZOLA, IGNACIO L.	2009	15	0.25	21.50
GENERAL ATTORNEY		17	1.00	85.95
		18	0.50	42.99
		٠	1.75	\$150.44
BENSING, MILAGROS V.	2011	24	0.50	26.64
ENVIRONMENTAL PROTECTION SPECIALIST		25	0.50	26.64
		26	1.00	53.27
		27	0.50	26.67
	2012	02	0.50	26.64
		06	1.00	53.26
			4.00	\$213.12
BOSEMAN, ANITA L. ENVIRONMENTAL SCIENTIST	2009	10	48.50	3,207.82
			48.50	\$3,207.82
DURNO, MARK ENVIRONMENTAL ENGINEER	2009	. 06	1.00	63.95
		-	1.00	\$63.95
EDWARDS, TRICIA	2009	02	3.00	91.22
Environmental Scientist (OSC)		05	6.00	182.47
		06	5.00	152.05
		11	8.00	316.97
		14	17.50	650.98
			39.50	\$1,393.69
EL-ZEIN, JASON H.	2009	17	4.00	343.40
ENVIRONMENTAL ENGINEER		18	2.00	171.69
·		•	6.00	\$515.09
FREDLE, JOSEPH J.	2009	04	10.00	540.30
SENIOR ASSISTANT SANITARY ENGINEER		14	9.00	504.05
			19.00	\$1,044.35
GULCH, JON J.	2008	18	9.00	613.67
LIFE SCIENTIST		19	2.00	106.38
		20	8.50	476.76
·		21	11.00	630.39

Regional Payroll Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

		Fiscal	Pay	Payroll	Payroll
Employee Name		Year_	Period	Hours	Costs
GULCH, JON J.		2008	22	7.00	409.45
			23	17.00	1,001.54
			24	10.00	589.13
*			26	22.00	1,301.33
			27	5.00	281.57
		2009	01	21.00	1,233.84
·			02	51.00	2,952.61
			03	72.75	4,348.57
· ·	•		04	58.00	3,246.90
			05	70.00	4,123.90
			06	76.25	4,767.96
			07	7.00	412.77
			80	36.00	2,204.96
·			09	56.00	3,566.57
			10	37.00	2,320.43
			11	59.00	4,053.86
			12	38.00	2,316.58
·			13	11.00	653.57
·			14	36.00	2,204.96
•			, 15	37.50	2,207.01
	·		17	20.00	1,226.73
•	•		18	11.00	673.74
			19	47.00	2,858.74
	•	•	_ 20	16.00	979.96
			21	4.00	245.00
			22	4.00	236.70
			23	3.00	174.50
			25	7.00	428.74
			26	2.00	123.19
	•	2010	01	1.00	58.40
	-		05	1.00	60.37
			. 07	6.00	377.85
			80	3.00	191.49
		٠	· 10	5.00	319.15
			11	1.00	63.82
			12	2.00	127.65

Regional Payroll Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll Hours	Payroll <u>Costs</u>
GULCH, JON J.	2010	16	2.00	127.66
		-	893.00	\$54,298.40
JUSTICE, JAMES J. ENVIRONMENTAL SCIENTIST	2009	04	9.00	502.88
			9.00	\$502.88
KELLY, BRIAN M. ENVIRONMENTAL SCIENTIST	2009	06	8.00	436.60
		-	8.00	\$436.60
KIMBLE, JEFFREY W.	2009	09	15.00	858.40
ENVIRONMENTAL SCIENTIST	•	14	8.00	454.91
		15	8.00	454.91
		19	7.00	398.05
		-	38.00	\$2,166.27
LALL, PARTAP C.	2009	14	9.00	678.91
		-	9.00	\$678.91
LESNIAK, KEITH J.	2008	18	14.00	837.45
ENVIRONMENTAL SCIENTIST	2009	09	46.00	2,935.81
		10	80.00	5,474.83
		11	71.00	4,743.23
•		12	36.00	2,689.66
	•	13	5.00	277.55
		14	65.00	3,608.01
	•	15	36.00	2,183.46
		19	48.00	2,664.40
			401.00	\$25,414.40
MALEK, JOSEPH A. INVESTIGATOR	2009	18	37.00	2,473.42
		-	37.00	\$2,473.42
MARITOTE, JOHN X. ENVIRONMENTAL PROTECTION SPECIA	. 2008 LIST	17	1.00	49.63
		-	1.00	\$49.63
MESSENGER, WILLIAM D.	2008	17	1.00	67.09
	•			

Report Date: 03/20/2012

Regional Payroll Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

	Fiscal	Pay	Payroll	Payroll
Employee Name	<u>Year</u>	Period_	Hours	Costs
SUPRVY ENVIRON. PROTECTION SPECIALISTA				
		-	1.00	\$67.09
MORRIS, JAMES E.	2008	18	5.50	423.91
GENERAL ATTORNEY		22	1.50	115.62
		23	1.00	77.07
		24	2.00	154.14
•		25	1.50	115.62
		26	7.00	539.52
		27	1.50	115.61
•	2009	01	3.00	231.22
		.02	4.50	346.83
•		03	2.50	187.41
		06	0.75	55.15
	•	15	0.25	20.07
•		18	5.00	401.38
		19	4.00	321.10
	2012	01	1.00	84.43
			41.00	\$3,189.08
NORMAN, CARL D	2008	26	1.00	61.30
ENVIRONMENTAL ENGINEER	2009	03	0.50	30.65
		08	1.00	63.86
	•	10	0.50	31.93
		13	0.50	31.93
		٠	3.50	\$219.67
NOVAK, DAVID S. PUBLIC AFFAIRS SPECIALIST	2009	11	5.00	294.26
			5.00	\$294.26
REGEL, DEBBIE F.	2008	17	5.00	284.09
FRIPT, DEBBIE		18	6.00	340.90
ENVIRONMENTAL PROTECTION SPECIALIST		20	1.00	56.82
•		· 21	1.00	56.82
		22	3.50	198.87
		23	6.50	369.31
		24	9.50	539.75
		25	12.00	693.29

Regional Payroll Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

		Fiscal	Pay	Payroll	Payroll
Employee Name		Year	Period	Hours_	Costs
REGEL, DEBBIE F.		2008	26	6.00	340.91
		2009	02	6.00	350.22
•			03	2.00	116.75
			04	2.00	116.76
			05	1.00	58.37
			06	0.50	29.19
			10	1.00	60.83
			11	0.50	30.41
			17	16.50	1,003.69
		•	.18	6.25	380.19
			19	27.00	1,642.38
			20	2.00	121.66
			21	1.00	60.83
			25	0.50	30.79
		2010	03	1.00	60.83
		2011	14	2.50	160.62
			15	1.00	64.25
		2012	02	0.50	32.11
			04	1.00	64.25
			05	0.50	32.11
			~	123.25	\$7,297.00
RIPLEY, LAURA J. ENVIRONMENTAL SCIENTIST		2008	22	0.25	16.34
			~	0.25	\$16.34
SMITH, TRACY L.		2009	17	2.00	65.85
CARROLL, TRACY L. OFFICE AUTOMATION CLERK			18	0.50	16.45
	·			2.50	\$82.30
TAYLOR, DARIUS L. FINANCIAL SPECIALIST		2011	23	4.75	281.05
				4.75	\$281.05
WOLFE, STEPHEN	·	2009	04	18.00	599.06

Regional Payroll Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll <u>Hours</u>	Payroll <u>Costs</u>
Environmental Engineer	2009	11	8.00	283.13
·			26.00	\$882.19
Total Regional Payroll Costs			1,723.00	\$104,937.95
. `				

Headquarters Payroll Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal Year	Pay <u>Period</u>	Payroll <u>Hours</u>	Payroll <u>Costs</u>
GARUFI, KATHERINE	2011	09	1.00	58.61
Chemical Engineer		11	1.00	58.61
			2.00	\$117.22
Total Headquarters Payroll Costs	٠		2.00	\$117.22

Regional Travel Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Traveler/Vendor Name	Travel Number	Treasury Schedule	Treasury Schedule Date	Travel Costs
BOSEMAN, ANITA L. ENVIRONMENTAL SCIENTIST	0P7P84	ACHA09077	03/20/2009	739.55
			-	\$739.55
CERON, LEONARDO	0P53PT	ACHA09034	02/05/2009	1,492.56
ENVIRONMENTAL SCIENTIST			-	· · · · · · · · · · · · · · · · · · ·
•				\$1,492.56
LALL, PARTAP C.	0P83DI	ACHA09044	02/18/2009	237.16
				\$237.16
LESNIAK, KEITH J.	0P6BJE	ACHA09070	03/13/2009	2,512.49
ENVIRONMENTAL SCIENTIST	0P9GI5	ACHA09077	03/20/2009	535.95
	0PCY10	ACHA09112	04/24/2009	1,398.16
	0PKD38	ACHA09169	06/22/2009	536.52
	0PL3AH	ACHA09180	07/01/2009	136.75
				\$5,119.87
WOLFE, STEPHEN	0P1XNA	ACHA08347	12/16/2008	168.13
Environmental Engineer				
		•		\$168.13
Total Regional Travel Costs				\$7,757.27

Headquarters Travel Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

			Treasury	
	Travel	Treasury	Schedule	
Traveler/Vendor Name	Number	Schedule	Date	Travel Costs

Contract Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

ENVIRONMENTAL RAPID RESPONSE SERVICES (ERRS)

Contractor Name:

SHAW ENVIRONMENTAL, INC.

EPA Contract Number:

EPS60702

Delivery Order Information

<u>DO#</u>

Start Date 09/26/2008

End Date 08/31/2009

Project Officer(s):

GEE, JO

Dates of Service:

GLL, JO

6018

From: 09/26/2008

To: 08/31/2009

Summary of Service:

EMERGENCY RESPONSE CONTRACTS-SUB(OSCM)

Total Costs:

\$946,638.68

Voucher	Voucher	Voucher	Treas	sury Schedule	Site	Annual
<u>Number</u>	Date	Amount	Number	and Date	Amount	Allocation
133486-001	12/23/2008	119,838.00	09745	01/22/2009	119,838.00	4,316.68
133486-002	01/29/2009	114,016.89	09836	02/25/2009	114,016.89	4,107.01
133486-003	03/16/2009	185,162.86	09947	04/10/2009	185,162.86	6,669.75
133486-004	04/21/2009	127,291.55	09A46	05/18/2009	127,291.55	4,585.17
133486-005	05/21/2009	75,529.33	09B34	06/18/2009	75,529.33	2,720.64
133486-006	07/01/2009	180,689.28	09C51	07/29/2009	180,689.28	6,508.61
133486-004R	08/21/2009	4,088.38	09D91	09/16/2009	4,088.38	147.27
133486-007	09/02/2009	71,660.12	09E29	09/28/2009	71,660.12	2,581.27
133486-008	02/03/2010	36,554.50	10450	03/01/2010	36,554.50	1,316.73
JV1C083	04/21/2011	0.00	1C083	04/21/2011	-1,105.54	-39.82
				Total:	\$913,725.37	\$32,913.31

Contract Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

ENVIRONMENTAL RAPID RESPONSE SERVICES (ERRS)

Contractor Name:

SHAW ENVIRONMENTAL, INC.

EPA Contract Number:

EPS60702

Delivery Order Information

DO#

Start Date

End Date

6018

09/26/2008

08/31/2009

Project Officer(s):

GEE, JO

Dates of Service:

From: 09/26/2008

To: 08/31/2009

Summary of Service:

EMERGENCY RESPONSE CONTRACTS-SUB(OSCM)

Total Costs:

\$946,638.68

Voucher Number	Schedule Number	Rate Type	Annual <u>Allocation Rate</u>
133486-001	09745	Class	0.036021
133486-002	09836	Class	0.036021
133486-003	09947	Class	0.036021
133486-004	09A46	Class	0.036021
133486-005	09B34	Class	0.036021
133486-006	09C51	Class	0.036021
133486-004R	09D91	Class	0.036021
133486-007	09E29	Class	0.036021
133486-008	10450	Class	0.036021
JV1C083	1C083	Class	0.036021

Contract Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

SUPERFUND TECH. ASSISTANCE & RESPONSE TEAM (START)

Contractor Name:

WESTON SOLUTIONS, INC.

EPA Contract Number:

EPS50604

Delivery Order Information

DO #

Start Date

End Date

5001

05/24/2008

07/02/2010

Project Officer(s):

STANUCH, GAIL

Dates of Service:

From: 05/24/2008

To: 07/02/2010

Summary of Service:

S/F TECH ASSESSMENT&RESPONSE TEAM (REDI)

Total Costs:

\$146,209.74

Voucher	Voucher	Voucher	Treas	sury Schedule	Site	Annual
Number	<u>Date</u> _	Amount	Number	and Date	Amount	Allocation
1-A21	07/18/2008	452,768.03	R8F64	08/21/2008	9,601.18	1,924.97
1-A22	08/19/2008	332,907.01	R8G53	09/19/2008	3,999.91	801.95
1-A23	09/19/2008	305,893.24	R9486	10/20/2008	328.84	65.93
1-A24	10/20/2008	400,097.25	R9583	11/26/2008	634.54	127.22
1-A25	11/19/2008	363,759.86	R9660	12/23/2008	5,867.53	1,385.06
1-A26	12/19/2008	380,628.53	R9754	01/26/2009	16,855.71	3,978.87
1-A27	01/20/2009	379,659.66	R9831	02/24/2009	13,348.29	3,150.93
1-A28	02/20/2009	323,846.80	R9898	03/23/2009	14,897.39	3,516.60
1-A29	03/20/2009	319,110.88	R9970	04/17/2009	15,922.29	3,758.54
1-A30	04/20/2009	366,319.26	R9A57	05/21/2009	6,335.46	1,495.52
1-A31	05/20/2009	414,493.49	R9B51	06/23/2009	8,590.98	2,027.94
1-A32	06/20/2009	453,331.37	R9C23	07/16/2009	5,495.79	1,297.31
1-A33	07/20/2009	483,250.18	R9D22	08/20/2009	5,931.65	1,400.20
1-A34	08/20/2009	410,633.54	R9E05	09/18/2009	1,665.53	393.15
1-A36	10/20/2009	521,433.86	R0145	11/19/2009	3,404.50	803.65
1-A37	11/20/2009	477,752.28	R0243	12/18/2009	522.19	62.76
1-A38	12/18/2009	537,694.82	R0354	01/28/2010	239.04	28.73
1-A39	01/20/2010	556,074.66	R0433	02/23/2010	2,610.61	313.75
1-A40	02/19/2010	413,793.11	R0539	03/30/2010	1,057.89	127.14
1-A41	03/22/2010	406,764.01	R0610	04/22/2010	1,062.70	127.72
1-A42	04/20/2010	433,820.76	R0701	05/20/2010	574.82	69.08
1-A43	05/20/2010	432,811.67	R0792	06/17/2010	95.31	11.45
1-A44	06/23/2010	474,285.94	R0897	07/20/2010	135.86	16.33
1-A45	07/20/2010	551,974.47	R0999	08/19/2010	131.17	15.76
				Total:	\$119,309.18	\$26,900.56

Contract Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

<u>SUPERFUND TECH. ASSISTANCE & RESPONSE TEAM (START)</u>

Contractor Name:

WESTON SOLUTIONS, INC.

EPA Contract Number:

EPS50604

Delivery Order Information

<u>DO #</u> 5001 Start Date

End Date

•

05/24/2008

07/02/2010

Project Officer(s):

STANUCH, GAIL

Dates of Service:

From: 05/24/2008

To: 07/02/2010

Summary of Service:

S/F TECH ASSESSMENT&RESPONSE TEAM (REDI)

Total Costs:

\$146,209.74

			Annual
Voucher Number	Schedule Number	Rate Type	Allocation Rate
1-A21	R8F64	Final	0.200493
1-A22	R8G53	Final	0.200493
1-A23	R9486	Final	0.200493
1-A24	R9583	Final	0.200493
1-A25	R9660	Final	0.236055
1-A26	R9754	Final	0.236055
1-A27	R9831	Final	0.236055
1-A28	R9898	Final	0.236055
1-A29	R9970	Final	0.236055
1-A30	R9A57	Final	0.236055
1-A31	R9B51	Final	0.236055
1-A32	- R9C23	Final	0.236055
1-A33	R9D22	Final	0.236055
1-A34	R9E05	Final	0.236055
1-A36	R0145	Final	0.236055
1-A37	R0243	Final	0.120183
1-A38	R0354	Final	0.120183
1-A39	R0433	Final	0.120183
1-A40	R0539	Final	0.120183
1-A41	R0610	Final	0.120183
1-A42	R0701	Final	0.120183
1-A43	R0792	Final	0.120183
1-A44	R0897	Final	0.120183
1-A45	R0999	Final	0.120183

Contract Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

TECHNICAL SERVICE AND SUPPORT

Contractor Name:

ASRC MANAGEMENT SERVICES, INC.

EPA Contract Number:

EPW05052

Delivery Order Information

.....

0 <u>DO #</u> 66 Start Date 07/28/2008

End Date 07/31/2011

Project Officer(s):

CALVIN, LYNN

PFUNDHELLER, JANET

RZEZNIK, ANNA

Dates of Service:

From: 07/28/2008

To: 07/31/2011

Summary of Service:

ADMINISTRATIVE SUPPORT SERVICES

Total Costs:

\$433.15

Voucher	Voucher	Voucher	Treasury S	Schedule	Site
Number	Date	Amount	Number and	d Date	Amount .
23	09/10/2008	84,932.39	R9452	10/09/2008	53.21
24	10/10/2008	70,502.39	R9546	11/14/2008	82.07
28	01/22/2009	69,504.35	R9820	02/20/2009	120.26
32	05/10/2009	72,835.87	R9A98	06/05/2009	154.62
55	02/10/2011	116,909.13	R1526	03/15/2011	7.66
64	08/10/2011	100,609.85	RCHC11251	09/12/2011	15.33
				Total:	\$433.15

Financial Cost Summary for the Contract Lab Program

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

Page 1 of 1

CONTRACT LAB PROGRAM (CLP) COSTS

Miscellaneous (MIS) Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

Miscellaneous (MIS) Costs

Total Costs:

\$9.76

Procurement Number	Voucher Number	Voucher Vouch Date Amour		•	hedule I Date	Site Amount	Description
HOLIDAY INN EX	PRESS						
0PCY10		1,407	.92 ACHA09	112	04/24/2009 .	9.76	
		Vendor Tot	al:			\$9.76	•
		Total Miscellaneous Cos	ts:			\$9.76	

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

<u>Fiscal Year</u>	Direct Costs	Indirect Rate(%)	Indirect Costs
2008	27,192.29	61.66%	16,766.79
2009	1,128,315.78	62.76%	708,130.97
2010	50,668.91	49.25%	24,954.43
. 2011	-366.01	49.25%	-180.25
2012	292.80	49.25%	144.19
	1,206,103.77		
Total EPA Indirect Costs			\$749,816.13

EPA Indirect Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>		Payroll Costs	Ind. Rate (%)	Indirect Costs
GULCH, JON J.	2008	18		613.67	61.66%	378.39
33.51, 33.11	2000	19		106.38	61.66%	65.59
		20		476.76	61.66%	293.97
		21		630.39	61.66%	388.70
		22		409.45	61.66%	252.47
		23		1,001.54	61.66%	617.55
		24		589.13	61.66%	363.26
		26		1,301.33	61.66%	802.40
		27		281.57	61.66%_	173.62
		•		5,410.22		\$3,335.95
				•		
LESNIAK, KEITH J.	2008	18		837.45	61.66%	516.37
				837.45		\$516.37
MARITOTE, JOHN X.	2008	17		49.63	61.66%_	30.60
				49.63		\$30.60
•						
MESSENGER, WILLIAM D.	2008	17		67.09	61.66%_	41.37
	•			67.09		\$41.37
						٠.
MORRIS, JAMES E.	2008	18		423.91	61.66%	261.38
		22		115.62	61.66%	71.29
		23		77.07	61.66%	47.52
		24		154.14	61.66%	95.04
		25		115.62	61.66%	71.29
•		26		539.52	61.66%	332.67
	-	27		115.61	61.66%_	71.29
			-	1,541.49		\$950.48

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

·.						Ind.	
Employee Name		Fiscal <u>Year</u>	Pay <u>Perio</u>	d	PayrollCosts	Rate (%)	Indirect Costs
NORMAN, CARL D		2008	26		61.30	61.66%	37.80
					61.30	_	\$37.80
							-
•							
REGEL, DEBBIE F		2008	17		284.09	61.66%	175.17
			18		340.90	61.66%	210.20
	÷		20		56.82	61.66%	35.04
			- 21		56.82	61.66%	35.04
			22		198.87	61.66%	122.62
			23		369.31	61.66%	227.72
			24		539.75	61.66%	332.81
•			25		693.29	61.66%	427.48
			26		340.91	61.66%_	210.21
					2,880.76		\$1,776.29
	•						
RIPLEY, LAURA J.		2008	22		16.34	61.66%	10.08
					16.34		\$10.08
			•				
Total Fiscal Y	ear 2008 Payroll Dire	ect Costs:			10,864.28	_	\$6,698.94
		OTHER I	DIREC	T COSTS		· . =	
Contract,					A 1/01/20	Ind.	
110 001	oucher	Treasury		C:4-	Annual/SMO Allocation	Rate	Indirect
AN' NO	umber	Schedule <u>Date</u>		Site Amount	Costs	(%)	Costs
	•						
	A21	08/21/2008		9,601.18	1,924.97 801.95	61.66%	7,107.02
1-7	A22	09/19/2008	·	3,999.91		61.66%_	2,960.83
				13,601.09	2,726.92		\$10,067.85
						_	
Total Fiscal \	Year 2008 Other Dire	ect Costs:		13,601.09	2,726.92	. =	\$10,067.85
	Total Fiscal Year 2	2008:		27,	192.29	_	\$16,766.79
						_	

EPA Indirect Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

				Ind.			
Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll <u>Costs</u>	Rate (%)	Indirect Costs		
• •			•				
ARRAZOLA, IGNACIO L.	2009	15	21.50	62.76%	13.49		
		17	85.95	62.76%	53.94		
		18	42.99	62.76%	26.98		
			150.44	·	\$94.41		
BOSEMAN, ANITA L.	2009	10	3,207.82	62.76%_	2,013.23		
			3,207.82		\$2,013.23		
DURNO, MARK	2009	-06	63.95	62.76%	40.14		
•			63.95	_	\$40.14		
			55.05		Ψ10.1-1		
EDWARDS, TRICIA	2009	02	91.22	62.76%	57.25		
•		05	182.47	62.76%	. 114.52		
		06	152.05	62.76%	95.43		
· ·		111	316.97	62.76%	198.93		
		14	650.98	62.76%	408.56		
			1,393.69		\$874.69		
EL-ZEIN, JASON H.	2009	17	343.40	62.76%	215.52		
,		18	171.69	62.76%	107.75		
			515.09	-	\$323.27		
EDEDLE IOSEDH I	2000	04	540.30	62 769/	220.00		
FREDLE, JOSEPH J.	2009	04 14	504.05	62.76% 62.76%	339.09 316.34		
		14		_			
			1,044.35		\$655.43		
GULCH, JON J.	2009	. 01	1,233.84	62.76%	774.36		
·	-	02	2,952.61	62.76%	1,853.06		
		03	4,348.57	62.76%	2,729.16		
		04	3,246.90	62.76%	2,037.75		

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

•				Ind.	
	Fiscal	Pay	Payroll	Rate	Indirect
Employee Name	<u>Year</u>	<u>Period</u>	<u>Costs</u>	(%)	Costs
GULCH, JON J.	2009	05	4,123.90	62.76%	2,588.16
		06	4,767.96	62.76%	2,992.37
•		07	412.77	62.76%	259.05
		08 .	2,204.96	62.76%	1,383.83
•		09	3,566.57	62.76%	2,238.38
		10	2,320.43	62.76%	1,456.30
		11	4,053.86	62.76%	2,544.20
		12	2,316.58	62.76%	1,453.89
		13	653.57	62.76%	410.18
		14	2,204.96	62.76%	1,383.83
		15	2,207.01	62.76%	1,385.12
		17	1,226.73	62.76%	769.90
		18	673.74	62.76%	422.84
		19	2,858.74	62.76%	1,794.15
·		20	979.96	62.76%	615.02
		21	245.00	62.76%	153.76
		22	236.70	62.76%	148.55
		23	174.50	62.76%	109.52
		25	428.74	62.76%	269.08
·		26	123.19	62.76%	77.31
			47,561.79		\$29,849.77
	Ÿ				
JUSTICE, JAMES J.	2009	04	502.88	62.76%	315.61
	·		502.88	_	\$315.61
	•				40.000
KELLY, BRIAN M.	2009	06	436.60	62.76%	274.01
,			436.60	-	\$274.01
			400.00		Ψ4.17.01
KIMBLE, JEFFREY W.	2009	09	858.40	62.76%	538.73
THE VI.	2003	14	454.91	62.76%	285.50
		15	454.91	62.76%	285.50
		įυ	404.91	02.7070	200.00

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

•			•	Ind.	
Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll Costs	Rate (%)	Indirect Costs
KIMBLE, JEFFREY W.	2009	19	398.05	62.76%	249.82
•			2,166.27		\$1,359.55
:				•	
LALL, PARTAP C.	2009	14	678.91	62.76%	426.08
			678.91	_	\$426.08
·	•	· ·			
LESNIAK, KEITH J.	2009	09	2,935.81	62.76%	1,842.51
		10	5,474.83	62.76%	3,436.00
		11	4,743.23	62.76%	2,976.85
		12	2,689.66	62.76%	1,688.03
		13	277.55	62.76%	174.19
		14	3,608.01	62.76%	2,264.39
		15	2,183.46	62.76%	1,370.34
	•	19	2,664.40	62.76%	1,672.18
•			24,576.95		\$15,424.49
٠.					
MALEK, JOSEPH A.	2009	18	2,473.42	62.76%_	1,552.32
			2,473.42		\$1,552.32
MODDIE IAMESE	2009	01	231.22	62.76%	145.11
MORRIS, JAMES E.	2009	02	346.83	62.76%	217.67
·		03	187.41	62.76%	117.62
		06	55.15	62.76%	34.61
•		15	20.07	62.76%	12.60
		18	401.38	62.76%	251.91
		19	321.10	62.76%	201.52
			1,563.16		\$981.04
NORMAN, CARL D	2009	03	30.65	62.76%	19.24
•	,	08	63.86	62.76%	40.08
· .		10	31.93	62.76%	20.04

EPA Indirect Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay Period		Payroll <u>Costs</u>	Ind. Rate (%)	Indirect Costs
NORMAN, CARL D	2009	13	•	31.93	62.76%	20.04
				158.37		\$99.40
NOVAK, DAVID S.	2009	11		294.26	62.76%_	184.68
				294.26		\$184.68
REGEL, DEBBIE F.	2009	02		350.22	62.76%	219.80
•	•	03		116.75	62.76%	73.27
		04		116.76	62.76%	73.28
		05		58.37	62.76%	36.63
• •		06		29.19	62.76%	18.32
		10		60.83	62.76%	38.18
		11		30.41	62.76%	19.09
	•	17		1,003.69	62.76%	629.92
		18		380.19	62.76%	238.61
		19		1,642.38	62.76%	1,030.76
·		20		121.66	62.76%	76.35
		21		60.83	62.76%	38.18
	•	25		30.79	62.76%_	19.32
	•			4,002.07		\$2,511.71
SMITH, TRACY L.	2009	17		65.85	62.76%	41.33
•		18		16.45	62.76%	10.32
				82.30	_	\$51.65
						V 000
WOLFE, STEPHEN	2009	04		599.06	62.76%	375.97
	•	.11		283.13	62.76%	177.69
				882.19	_	\$553.66
				04.754.54		ФЕЗ EOE 41
Total Fiscal Year 2009 Payroll Dire	ect Costs:			91,754.51	=	\$57,585.14

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

TRAVEL DIRECT COSTS

Traveler/Vendor Name	Travel Number	Treasury Schedule Date	Travel Costs	Ind. Rate (%)	Indirect Costs
BOSEMAN, ANITA L.	0P7P84	03/20/2009	739.55	62.76%	464.14
,			739.55		\$464.14
			·		·
CERON, LEONARDO	0P53PT	02/05/2009	1,492.56	62.76%	936.73
:	•		1,492.56		\$936.73
•					
LALL, PARTAP C.	0P83DI	02/18/2009	237.16	62.76%	148.84
		• .	237.16		\$148.84
LESNIAK, KEITH J.	0P6BJE	03/13/2009	2,512.49	62.76%	1,576.83
	0P9GI5	03/20/2009	535.95	62.76%	336.36
	0PCY10	04/24/2009	1,398.16	62.76%	877.49
•	0PKD38	06/22/2009	536.52	62.76%	336.71
	0PL3AH	07/01/2009	136.75	62.76%	85.83
			5,119.87		\$3,213.22
				•	
WOLFE, STEPHEN	0P1XNA	12/16/2008	168.13	62.76%	105.51
;	•		168.13	·	\$105.51
				•	
Total Fiscal Year 2009 Travel Dire	ct Costs:		7,757.27		\$4,868.44
	OTHER DIRE	CT COSTS			
Contract.				Ind.	
IAG, SCA, Voucher	Treasury Schedule	Site	Annual/SMO Allocation	Rate	Indirect
Misc.NO Number	Date	Amount	Costs	(%)	Costs
0PCY10	04/24/2009	4.88	0.00	62.76%	3.06
•		4.88	0.00	62.76%	3.06
	_	9.76	0.00	. —	\$6.12
EPS50604 1-A23	10/20/2008	328.84	65.93	62.76%	247.76

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule <u>Date</u>	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS50604	1-A24	11/26/2008	634.54	127.22	62.76%	478.08
2. 000001	1-A25	12/23/2008	5,867.53	1,385.06	62.76%	4,551.73
	1-A26	01/26/2009	16,855.71	3,978.87	62.76%	13,075.78
	1-A27	02/24/2009	13,348.29	3,150.93	62.76%	10,354.91
	1-A28	03/23/2009	14,897.39	3,516.60	62.76%	11,556.62
	1-A29	04/17/2009	15,922.29	3,758.54	62.76%	12,351.69
	1-A30	05/21/2009	6,335.46	1,495.52	62.76%	4,914.72
	1-A31	06/23/2009	8,590.98	2,027.94	62.76%	6,664.43
	1-A32	07/16/2009	5,495.79	1,297.31	62.76%	4,263.35
	1-A33	08/20/2009	5,931.65	1,400.20	62.76%	4,601.47
**	1-A34	09/18/2009	1,665.30	393.10	62.76%	1,291.85
			0.23	0.05	62.76%	0.18
	•	_	95,874.00	22,597.27	_	\$74,352.57
•	•					
EPS60702	133486-001	01/22/2009	119,838.00	4,316.68	62.76%	77,919.48
	133486-002	02/25/2009	80,162.00	2,887.52	62.76%	52,121.88
			33,854.89	1,219.49	62.76%	22,012.68
	133486-003	04/10/2009	19,017.75	685.04	62.76%	12,365.47
		•	166,145.11	5,984.71	62.76%	108,028.68
	133486-004	05/18/2009	127,291.55	4,585.17	62.76%	82,765.83
	133486-005	06/18/2009	71,838.63	2,587.70	62.76%	46,709.96
	_		3,690.70	132.94	62.76%	2,399.72
	133486-006	07/29/2009	152,527.91	5,494.21	62.76%	99,174.68
	·		28,161.37	1,014.40	62.76%	18,310.71
	133486-004R	09/16/2009	4,088.38	147.27	62.76%	2,658.29
	133486-007	09/28/2009	5,276.41	190.06	62.76%	3,430.76
		_	66,383.71	2,391.21	62.76%	43,163.14
			878,276.41	31,636.40		\$571,061.28
EPW05052	23	10/09/2008	53.21	0.00	62.76%	33.39
	24	11/14/2008	82.07	0.00	62.76%	51.51
	28	02/20/2009	120.26	0.00	62.76%	75.48

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule <u>Date</u>	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW05052	32	06/05/2009	154.62	0.00	62.76%	97.04
_, _, _, _,		-	410.16	0.00		\$257.42
			110.10			Ψ201.42
Total Fi	scal Year 2009 Other	Direct Costs:	974,570.33	54,233.67	=	\$645,677.39
	Total Fiscal Ye	ar 2009:	1,128,3	315.78	. =	\$708,130.97
		PAYROLL DI	RECT COSTS			
		• •			Ind.	•
		Fiscal P	'ay	Payroll	Rate	Indirect
Employee Na	ame	<u>Year</u> <u>Pe</u>	riod	Costs	(%)	Costs
GULCH, JON	J.	2010	01	58.40	49.25%	28.76
		(05	60.37	49.25%	29.73
	•		07	377.85	49.25%	186.09
	·		08	191.49	49.25%	94.31
		,	10	319.15	49.25%	157.18
	•		11 ·	63.82	49.25%	31.43
			12	127.65	49.25%	62.87
			16	127.66	49.25%	62.87
•				1,326.39		\$653.24
REGEL, DEB	BIE F.	2010	03	60.83	49.25%	29.96
				60.83	-	\$29.96
Takal Eis		Discret Contac	٠.	4 207 22		#C02.20
· Iotal Fis	scal Year 2010 Payroll	Direct Costs:		1,387.22		\$683.20
•	,	OTHER DIR	RECT COSTS			
Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMC Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS50604	1-A36	11/19/2009	3,404.50	803.65	49.25%	,

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA

Costs From 05/01/2008 Through 01/01/2012.

OTHER	DIRECT	COSTS

						i
Contract,		Treasury		Annual/SMC	Ind.	
IAG, SCA,	Voucher	Schedule	Site	Allocation	Rate	Indirect
Misc.NO	Number	Date	Amount	Costs	_(%)	Costs
EPS50604	1-A37	12/18/2009	522.19	62.76	49.25%	288.09
	1-A38	01/28/2010	239.04	28.73	49.25%	131.88
•	1-A39	02/23/2010	2,610.61	313.75	49.25%	1,440.25
	1-A40	03/30/2010	1,057.89	127.14	49.25%	583.63
	1-A41	04/22/2010	1,062.70	127.72	49.25%	586.28
	1-A42	05/20/2010	574.82	69.08	49.25%	317.12
	1-A43	06/17/2010	95.31	11.45	49.25%	52.58
	1-A44	07/20/2010	135.86	16.33	49.25%	74.95
	1-A45	08/19/2010	131.17	15.76	49.25%	72.36
		-	9,834.09	1,576.37	_	\$5,619.65
	·			•		
EPS60702	133486-008	03/01/2010	36,554.50	1,316.73	49.25%	18,651.58
	•	- -	36,554.50	1,316.73	_	\$18,651.58
Total Fiscal Year 2010 Other Direct Costs:		46,388.59	2,893.10	=	\$24,271.23	
	Total Fiscal `	Year 2010:	50,6	68.91	<u>-</u>	\$24,954.43
					=	

Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll <u>Costs</u>	Ind. Rate (%)	Indirect Costs
BENSING, MILAGROS V.	2011	24	26.64	49.25%	13.12
		25	26.64	49.25%	13.12
	•	26	53.27	49.25%	26.24
		27	26.67	49.25%	13.13
			133.22		\$65.61
GARUFI, KATHERINE	2011	09	58.61	49.25%	28.87

EPA Indirect Costs

NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
GARUFI, KATHERINE	2011	11	58.61	49.25%	28.87
			117.22	<u></u>	\$57.74
REGEL, DEBBIE F.	2011	14	160.62	49.25%	79.11
·		15	64.25	49.25%	31.64
			224.87		\$110.75
TAYLOR, DARIUS L.	2011	23	281.05	49.25%	138.42
TATLON, DARIOS E.	2011	23	281.05	49.2070_	\$138.42
			201.00		ψ130.42
Total Fiscal Year 2011 Payroll Dire	ct Costs:		756.36	·	\$372.52
	OTHER	DIRECT COSTS			
Contract, IAG, SCA, Voucher Misc.NO Number	Treasury Schedule Date		Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS60702 JV1C083	04/21/201	1 -1,105.54	-39.82	49.25%	-564.09
		-1,105.54	-39.82	_	\$-564.09
			. •		
EPW05052 55	03/15/201	1 7.66	0.00	49.25%	3.77
64	09/12/201	1 15.33	0.00	49.25%_	7.55
	-	22.99	0.00		\$11.32
Total Fiscal Year 2011 Other Dire	ct Costs:	-1,082.55	-39.82	- =	\$-552.77
Total Fiscal Year 2	011:		366.01	=	\$-180.25

EPA Indirect Costs NORWOOD INDUSTRIES SITE, TOLEDO, OH SITE ID = B5 PA Costs From 05/01/2008 Through 01/01/2012.

Employee Name	Fiscal <u>Year</u>	Pay <u>Period</u>	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENSING, MILAGROS V.	2012	02	26.64	49.25%	13.12
		06	53.26	49.25%	26.23
			79.90		\$39.35
MORRIS, JAMES E.	2012	01	84.43	49.25%	41.58
			84.43	_	\$41.58
REGEL, DEBBIE F.	2012	02	32.11	49.25%	15.81
•		04	64.25	49.25%	31.64
		05	32.11	49.25%_	15.81
	:	·	128.47		\$63.26
Total Fiscal Year 2012 Payroll Direc	ct Costs:		292.80	=	\$144.19
Total Fiscal Year 20)12:	•	292.80	=	\$144.19
Total EPA Indirect Costs				- =	\$749,816.13